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No. 24]

NEW DELHI, SATURDAY, JUNE 17, 1967 (JYAISTHA 27, 1889)

इस भाग में चिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई वेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 17th June 1967

Application for Patents

The Dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

27th May 1967

110834. Council of Scientific and Industrial Research. Improvements in or relating to the production of fluoboric acids.

110835. Council of Scientific and Industrial Research. New corrosion-inhibiting pigment (1).

110836. Shri S. I. S. Deshmukh. Attraction well.

110837. E. Schaumburg. Actuating mechanism for valves and like devices.

110838. B. P. Barua. Chaser die.

110839. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Phenylalanine derivatives and process for the manufacture thereof.

110840. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of 3, 3-alkylenedioxy- or 3, 3-dialkoxyalkyl halides.

110841. G. Ruud. Method and apparatus for mechanical aeration of stacks of cardboard, paper or other sheet material.

110842. Burlington Industries, Inc. Pneumatic spinning frame drive regulator.

110843. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Aminodibenzyl derivatives, process for the manufacture thereof and pharmaceutical compositions containing the same. [Divisional date 1st June 1965].

110844. Ciba Limited. New 6-oxo-a-nor-b-homo-pregnadienes and process for their manufacture.

110845. Atlas Copco Aktiebolag. Air line lubricator. (20th June 1966).

110846. T. M. M. (Research) Limited. Improvements in or relating to apparatus for supplying empty cans to and discharging full cans from silver coiling apparatus. (3rd June 1966).

110847. Joseph Lucas (Industries) Limited. Warning lamp circuits for battery charging systems. (27th May, 1966).

110848. Farbenfabriken Bayer Aktiengesellschaft. Indanyl-n-methylcarbamic acid esters.

110849. Imperial Chemical Industries Limited. New colouration process. (3rd June, 1966).

110850. (Imperial Chemical Industries Limited. Alkane derivatives. (20th June, 1966).

110851. P. R. Krishnan. Automatic water tap.

29th May 1967

110852. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic reduction of 3-nitro-p-cresol to 3-amino-p-cresol.

110853. Council of Scientific and Industrial Research. 1-(3-aryloxy-2-substituted propyl)-4-phenylpiperazines.

110854. Council of Scientific and Industrial Research. New corrosion-inhibiting pigment (2).

110855. M. J. Khurana and A. J. Chawla. Playing game of cricket by means of two dice.

110856. Council of Scientific and Industrial Research. Improvements in or relating to deposition of photo-sensitive thin films of thallium sulphide layers.

110857. M. L. Kodali. Improvement in and relating to motor-car and its self-moving manner or like mechanism of motor car for the purpose of conveyance.

110858. Eaton Yale & Towne Inc. Meshing assisting means for jaw clutches.

110859. American Cyanamid Company. Preparation of d-2-amino-1-butanol.
110860. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Copper-containing monoazo dyestuff and process for its preparation.
110861. Siemens Aktiengesellschaft. Component unit operating with pressure contacts.
110862. Moskovsky ordena Lenina i ordena Trudovogo Krasnogo Znameni institut inzhenerov zheleznodorozhnogo transporta of ulitsa Obratsova. Device for connecting rolling-stock adjacent sections with common bogie.
110863. F. Hoffmann-La Roche & Co. Aktiengesellschaft, 9ß, 10 α -steroids and process for the manufacture thereof.
110864. Continental Can Company, Inc. High current square wave power source.
110865. International Rectifier Corporation. Compression bonded semiconductor device assembly.
110866. Aktiebolaget Syenska Flaktfabriken. A device for the exhaust of flue gases from arc melting furnaces.
110867. Charbonnage De France. Production of concentratable solutions and concentrated solutions of organic peroxides.
110868. Palitex Project-Company G.m.b.H. Means for braking drag links on multiple twisting spindles.
110869. Caterpillar Tractor Co. Baffle apparatus for self-loading scrapers.
110870. Shell International Research Maalschappij N.V. Pesticidal composition. [Addition to No. 101553]. [Divisional date 13th September 1965].
110871. Vandervell Products Limited. A method and apparatus for making thin wall bearing liners. (3rd June, 1966).
110872. Mrs. Nargis Sami Engineer. Improvements in or relating to pilferproof closures for bottles or the like containers.
110873. Poly-Profile Corporation. Improvements in or relating to ventilator device for flush doors, panelled partitions and the like.
30th May 1967
110874. Council of Scientific and Industrial Research. An electrolytic process for the preparation of copper oxychloride.
110875. Council of Scientific and Industrial Research. A new anode design for use in primary wet cells.
110876. Council of Scientific and Industrial Research. Improvement in or relating to a process of depositing pyrolytic carbon film on ceramics.
110877. Council of Scientific and Industrial Research. Improvements in or relating to chemical deposition of thin films of lead selenide layers.
110878. Council of Scientific and Industrial Research. A process for the manufacture of coarse aggregates, particularly suitable for use in cement concrete.
110879. Ortho Pharmaceutical Corporation. Antifertility agent.
110880. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the manufacture of pigment preparations suitable to printing surfaces of synthetic materials and of aluminium.
110881. Deutsche Gold Und Silber Scheideanstalt Vormals Roessler. Process for preparation of new substituted amino pyridines. [Addition to No. 100951].
110882. Kjellberg Elektroden & Maschinen Gesellschaft mit beschränkter Haftung. Improvements in or relating to a method of plasma arc cutting or welding. (13th July 1966).
110883. Kjellberg & Elektroden & Maschinen Gesellschaft mit beschränkter Haftung. Improvements in or relating to a method of plasma arc cutting or welding (13th July 1966).
110884. Kjellberg Elektroden & Maschinen Gesellschaft mit beschränkter Haftung. Improvements in or relating to an arrangement for the automatic lifting of a plasma arc torch. (13th July 1966).
110885. J. R. Geigy A. G. Process for the production of new indole derivatives.
110886. Imperial Chemical Industries Limited. Biaxially oriented sheet. (17th June 1966).
110887. Moteurs Drouard. Electromagnetic rotary machine.
110888. United States Steel Corporation. Method of applying a protective metal coating to a steel base.
110889. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Imidazole derivatives and process for the manufacture thereof.
110890. Sir W. G. Armstrong Whitworth & Company (Engineers) Limited. Improved two-stroke cycle internal combustion engine. (13th June, 1966).
110891. Wiggins Teape Research & Development Limited. Method of producing a thixotropic liquid suspending medium particularly for the forming of non-woven fibrous webs. (31st May 1966).
110892. Ciba Limited. New 3-oxo-a-nor-b-homo-pregnadienes and a process for their manufacture.
110893. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Benzenesulfonyl-ureas and process for preparing them.
110894. Sandoz Ltd. Improvements in or relating to organic compounds. (31st May 1966).
110895. Sandoz Ltd. Improvements in or relating to organic compounds. (31st May 1966).
110896. Sandoz Ltd. Improvements in or relating to organic compounds. (31st May 1966).
110897. Sandoz Ltd. Improvements in or relating to organic compounds. (31st May 1966).
110898. Ciba Limited. New 3-oxo-a-nor-b-homo-pregnatrienes and a process for their manufacture.
110899. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of shaped continuous structures.
110900. T. Satake. A drying apparatus for cereals.
110901. G. L. Rotshtan and K. R. Pai. Improvements in or relating to electric torches.
110902. N. V. Philips Gloeilampenfabrieken. Pick-up comprising pressure sensitive transistors.
110903. N. V. Philips' Gloeilampenfabrieken. Series flash unit employing flashlight lamps to be fired successively.
110904. N. V. Philips Gloeilampenfabrieken. Dispenser cathode comprising a compressed mixture of tungsten powder and bariumaluminate-containing powder.
110905. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to permanent magnets built up of M_0R .
110906. N. V. Philips Gloeilampenfabrieken. Semiconductor device for producing and amplifying electrical signals of very high frequencies.
31st May 1967
110907. M. Joshi. Improvements in or relating to a device for holding and gripping wearing apparel.
110908. Shri Ram Institute for Industrial Research. Improvements in or relating to wet treatment of cellulosic materials. [Addition to No. 109684].
110909. Rhone-Poulenc S. A. Process for the preparation of polyvinyl formals, polyvinyl formals produced thereby, varnish composition comprising them and a process for the protection of a support.
110910. Forsvarets Fabriksyark. Delay device in a detonator safety arrangement.
110911. Wellworthy Limited. Soluble cores. (6th June, 1966).
110912. Uniroyal, Inc. Improvements in vulcanization of EPT rubber.

110913. A. C. Potter. A cover for reducing the evaporation of liquids.
110914. Astra Nutrition Ab. A process for recovering nutritional elements from organic material.
110915. Toyo Koatsu Industries, Incorporated. Herbicidal composition and method.
110916. Merck & Co., Inc. Process of preparing [4-(2-methylenealkanoxy)-phenoxy] alkanolic acids. [Divisional date 4th November, 1964].
110917. Ciba Limited. Preparations for combating pests containing new amidines. [Addition to No. 86760]. [Divisional date 17th December, 1965].

1st June 1967

110918. T. S. V. Pillay. Puncture proof tyres.
110919. Sumitomo Electric Industries, Ltd. Method of and apparatus for crosslinking in curable rubber or plastics electric wire and cable.
110920. Otis Elevator Company, Governor. (28th October, 1966).
110921. Universal Oil Products Company. Improved dehydrogenation process.
110922. Halcon International, Inc. Chemical process.
110923. Halcon International Inc. Chemical process.
110924. Dilip Kumar Banerjee. Strainers or filters for tube wells.
110925. Societa Farmaceutici Italla. Process for preparing pyrazine derivatives.
110926. Merck & Co., Inc. Pyrazinamide compounds.
110927. Merck & Co., Inc. Preparation of pyrazinoylguanidines and pyrazinamidoguanidines.
110928. Merck & Co., Inc. Preparation of pyrazinoylguanidines and pyrazinamidoguanidines.
110929. Merck & Co., Inc. Preparation of pyrazinoylguanidines and pyrazinamidoguanidines and novel intermediates therefor.
110930. Merck & Co., Inc. Preparation of pyrazinoylguanidines and pyrazinamidoguanidines.
110931. Merck & Co., Inc. Preparation of pyrazinoylguanidines and pyrazinamidoguanidines and novel intermediates therefor.
110932. Merck & Co., Inc. Preparation of 6-chloropyrazinoylguanidines.
110933. Merck & Co., Inc. Preparation of pyrazinoylguanidines and pyrazinamidoguanidines.
110934. Ciba of India Limited. Process for the treatment of depressive conditions with diamino compounds.

2nd June 1967

110935. Council of Scientific & Industrial Research. Development of flux and solder for joining aluminium-aluminium and aluminium-copper.
110936. S. P. Joshi. Improvements in or relating to display-stands, book-shelves, racks, stands or like pieces of furniture. [Addition to No. 102566].
110937. P. S. Rao. A novel internal combustion engine.
110938. The Eimco Corporation. Material handling device.
110939. The Fimco Corporation. Front end loading clam shell bucket.
110940. The Distillers Company (Carbon Dioxide) Limited. Production of carbon dioxide and argon. (23rd June, 1966).
110941. Bata Shoe Company of Canada Limited. Valve. (7th June, 1966).
110942. Fmc Corporation. Insecticides and synergists.
110943. Fmc Corporation. Insecticides and synergists.
110944. Fmc Corporation. Insecticidal compositions.
110945. Harish Engineering Works. Drying apparatus for lengths of cloth and other sheet materials.
110946. Sandoz Ltd. Azo dyes of low water solubility, their production and use.

110947. Ciba Limited. Process for the manufacture of glycidyl ethers of polyphenols with a high content of epoxide oxygen.
110948. Ciba Limited. N, N'-diglycidyl compounds, processes for their manufacture, and their use.
110949. Chimetron S. A. R. L. New pesticides.
110950. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to planar transistors and circuits including such transistors.
110951. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing fine homedisperse fe 2*3 powders.
110952. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to pesticide granules and methods of preparing such granules.
110953. Fabriques Reunies De Lampes Electriques. Electric incandescent lamp having a regenerative cycle for use in car head lights.

Alteration of Date

109578. Ante-dated to 30th August 1965 under Section 5 of the Act.
110631. Ante-dated to 17th August 1965 under Section 5 of the Act.
110593. Ante-dated to 24th November 1965 under Section 5 of the Act.
109857. Ante-dated to 14th September 1965 under Section 5 of the Act.
109479. Ante-dated to 25th August 1965 under Section 5 of the Act.
102743. Post-dated to 31st March 1967 under Section 5 of the Act.
102744. Post-dated to 18th April 1967 under Section 5 of the Act.
102829. The claim to priority date has been altered from 7th December 1964 to 4th October 1965.
102761. The claim to priority date has been altered from 3rd December 1964 to 15th October 1965.
101530. The claim to priority date 21st September 1964 has been disallowed and the application dated as of 10th September 1965, the date of filing in India.
102768. The claim to priority date 1st December 1964 has been abandoned and the application dated as of 30th November 1965 the date of filing in India.
101565. The claim to priority date 29th September 1964 has been abandoned and the application dated as of 14th September 1965 the date of filing in India.
101335. The claim to priority date 2nd October 1964 has been abandoned and the application dated as of 28th August 1965 the date of filing in India.
101589. The claim to priority date 16th September 1964 has been abandoned and the application dated as of 15th September 1965 the date of filing in India.

Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patent's on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such oppositions.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the Office.

The dates shown in crescent brackets are the dates allowed under Section 78A of the Act.

100457. Tsentralny Nauchno-Issledovatel'skiy Institut Tekhnologii I Mashinostroyeniya. Method of preparing fluid self-curing mixture for making foundry cores and moulds. Accepted on 7th April 1967.

A fluid self curing mixture wherein foaming agent consists of sulphonates or sulphates and the self curing additive is of highly basic metallurgical slag.

101017. L. Arputharaj. Accident preventor radium button. Accepted on 9th May 1967.

Comprising a circuit bright light terminal, dipper switch, spring into, horn, dim light terminal, earth with, battery control rod, a star hole, star plate.

101027. Veb Elektro-Apparate-Werke Berlin-Treptow. Device for resetting maximum pointers of electric supply meters. Accepted on 9th May 1967.

Comprising catch pawl, catch wheel with sliding surface, striking surface, stationary lever, additional sliding surface, stationary neck piece, sliding pin, dragged and indicator in its zero position.

101117. Allied Chemical Corporation. Process for the production of iron free aluminium nitrate solutions, iron-free aluminium nitrate produced thereby and cele-grade alumina produced therefrom. Accepted on 15th May 1967.

Comprises heating an iron contaminated solution of aluminium nitrate and separating the iron containing precipitate thus produced from the aluminium nitrate solution.

101147. Western Electric Company, Incorporated. Apparatus for detecting changes in supervisory states of paths of a communication system. (13th October 1964). Accepted on 16th May 1967.

Comprising an arrangement for scanning a group of communication path circuits means for registering a memory system and means for storing.

101169. The British Iron and Steel Research Association. Preheating and refining apparatus, and process for preheating furnace charge. (21st August 1964). Accepted on 17th May 1967.

Comprising a furnace and a preheating vessel for preheating a furnace charge by contacting it with hot gases.

101181. R. G. DePenning. Improvements in and relating to translucent display elements. Accepted on 17th May 1967.

Comprising an image-bearing film-base and a light-scattering screen constructed and arranged to produce a sharp contrasting back ground for the image.

101239. American Cyanamid Company. Methods for controlling micro-organisms. Accepted on 23rd May 1967.

The materials are treated with dicyanobenzylbenzoate.

101245. Kennecott Copper Corporation. Improvements in or relating to process of making sheet metal. Accepted on 23rd May 1967.

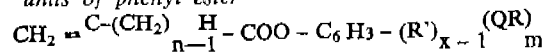
Comprising forming a layer of a slurry of powdered metal or alloy and liquid solution of plastic binder and treating the layer.

101267. Vsesojuzny Nauchno-Issledovatel'skiy I Proektny Institut Sinteticheskikh Zhirozamenitelei. Method of preparing surface-active derivatives of mono-esters of succinylsulphonic acid. Accepted on 24th May 1967.

Characterised in reacting aliphatic alcohols in admixture with paraffin hydrocarbons and maleic anhydride with gas mixture of air water vapour and CO₂ and treating reaction product with salts of sulphurous acid.

101282. Rohm and Haas Company. Addition copolymers and composition containing the same. Accepted on 24th May 1967.

Polymerising mixture of ethylenically unsaturated monomers having 0.5—95% by weight of units of phenyl ester



n being 1 or 2, *x*-1, 2 or 3 *n*-1 or 2; *R'* is alkyl group and *R* is alkyl with 1-4 C-atoms.

101294. E. J. Longyear Company. Wire line core barrel improvements. Accepted on 25th May 1967.

An axially elongated member of a transverse cross section to be received in the drill stem to form a fluid by pass channel.

101306. Multi Minerals Limited. Process for the preparation of acids from their salts, particularly of phosphoric acid. (1st April 1965). Accepted on 26th May 1967.

Characterizes in dissolving the salt of the acid soluble in the acid, separating the insolubles from it, followed by crystallisation and contacting the crystallized material with a cationic exchange-resin.

101335. A. C. Pittas. Improvements in or relating to demountable cabin structures. Accepted on 29th May 1967.

A cabin structure including floor, roof and side members which can be erected to form a close container and can be dismantled and folded when necessary.

101372. Raytheon Company. Glass encapsulated semiconductor device and process of manufacture therefor. (26th August 1965). Accepted on 31st May 1967.

Comprising a hollow glass body the internal surface of which is coated with borosilicate glass.

101377. Veb Filmfabrik Wolfen. Acyl-bis-acetic acid anilides, process for their manufacture and process and multilayer material containing the same for the production of yellow photographic images. (1st October 1964). Accepted on 27th May 1967.

Wherein a 3-aminobenzene sulphonic acid -(3': 5'-dicarbomethoxyanilide) is condensed with a 5-alkyloxy-isophthaloyl-bis-ethyl acetate in which the alkoxy radical contains 12 to 18 carbon atoms.

101380. The Bushing Company Limited. Improvements relating to resin-bonded laminated paper electrical insulation. (2nd September 1964). [Addition to No. 99114]. Accepted on 27th May 1967.

Comprises introducing resin adhesive tape between paper tapes and bonding them by heat and pressure.

101385. Dunlop Rubber Company Limited. Tow-forming apparatus. (10th September 1964). Accepted on 26th May 1967.

Comprises a pair of parallel base rods attached at each end to a rotatable circular carriage arranged perpendicular to the plane of the yarn sheet.

101432. Joseph Lucas (Industries) Limited. A method of manufacturing grids for the plates of electric storage batteries. (30th September 1964). Accepted on 31st May 1967.

Comprising rolling material from which the grid is formed between rollers, raised portions, holes to be formed on the grid, recesses corresponding to ribs which extend in a diamond shaped pattern.

101441. Societe Civile D'Etudes De Centrifugation. Rough or round casts of metal, process and apparatus for the continuous casting thereof and articles produced therefrom. Accepted on 27th May 1967.

Process for continuous casting or rough casts of metal wherein cooled mould is rotated while molten metal jet is impinged on a fixed point eccentric to the axis of mould.

101453. Continental Oil Company. System for minimizing the phase variations between a signal as received and said signals subsequently transmitted. Accepted on 2nd June 1967.

Comprising a reference signal, a transmitting means phase shifting means, phase comparator means, and pick up means.

101505. Owens-Corning Fiberglas Corporation. Glass fiber reinforced elastomers. Accepted on 30th May 1967.

The glass fibres in the bundle are coated or impregnated with the combination of a solubilised neoprene powdered magnesium oxide powdered zinc oxide and carbon black.

101518. Fisons Fertilizers Limited. Process for the preparation of liquid melts of ammonium phosphate nitrate. (23rd September 1964). Accepted on 1st June 1967.

Comprises treating an acid mixture containing nitrate ions, phosphate ions, ammonium ions and 0-2% by weight of water with gaseous ammonia at a temperature of 120° C to 200° C.

101530. Ludlow Corporation. Non-woven fabric based on synthetic fibers. Accepted on 30th May 1967.

The fibre content of which consists of at least 25 weight percent of a thermoplastic polymer fibre the fibres of said web being randomly bonded with discrete particles of a resin binder.

101566. Imperial Chemical Industries Limited. Fibre-forming synthetic linear polyamide compositions and process for preparing the same. Accepted on 2nd June 1967.

Comprises a fibre-forming synthetic linear polyamide and a triazine.

101566. James Howden & Company Limited. Improvements in or relating to rotary regenerative preheaters in combination with fire detection apparatus. (21st September 1964). Accepted on 27th May 1967.

Including temperature sensitive means for sensing temperature within the preheater, and a signalling device connected to the former to signal when a temperature within the preheater changes at a rate of change in excess of a predetermined rate of change.

101589. The Cementation Company Limited. Improvements in rotary ground boring apparatus. Accepted on 29th May 1967.

Comprising boring means adjustably connected to a driver supported on a frame provided with ground bearing members and releasable gripping means adjusting the position of a bucket in the boring means.

101619. Simon-Carves Limited. Improvements in or relating to the aeration of liquids. (25th September 1964). Accepted on 30th May 1967.

Rotatable surface aeration device comprising a converging shell providing support web and a plurality of planar blades extending along outer surface of shell, depth of blades converging inwardly.

101819. Dunlop Rubber Company Limited. Improvements relating to settees. Accepted on 22nd May 1967.

Which has a pivotally mounted back rest whose pivotal axis is parallel to the longer side of the mattress base.

101835. P. V. Iype. Acqua carbon process. Accepted on 29th May 1967.

A mixture of water and carbon in any proportion and a conducting chemical for producing gas vapour and steam by the application of heat and or electricity.

101950. Parker-Hanfin Corporation. Solenoid operated valve assembly. Accepted on 2nd June 1967.

Comprising a housing having a cavity therein, a first member mounted in one end of the cavity, a solenoid surrounded by a flux sleeve and mounted in the cavity adjacent to second seal member, a metallic flux plate and a first resilient seal.

102131. K. S. Iyer Narayan. A safety device for automatically controlling the rearing angle of agricultural and industrial tractors or like vehicles. Accepted on 29th May 1967.

A plate forming the base, an electromagnetic solenoid operating on battery voltage of the tractor a spring loaded attachment pivoted to the spring loaded lever plate slidably mounted on the base plate, a holder on the base plate carrying an enclosed vacuum filled glass tube or capsule.

102212. Veb Muhlenbau Dresden. Device for cleaning the screen of screen separators. (14th January 1965). Accepted on 1st June 1967.

Comprises multi blade brushes, the screens being subjected to a vibratory movement and the pivotal guide of the brush is an oscillating bearing.

102350. McCord International Limited. Removal of carcinogens from gas streams. Accepted on 2nd May 1967.

Composition for removing carcinogenic substances from tobacco smoke comprises tobacco and a compound consisting of a tetravalent metal salt and a hydroxy substituted aliphatic acid, a hydrate and a carbonated hydrate of said metal.

102367. E. Merck Aktiengesellschaft. Fluorene-9-carboxylic acid derivatives, process for their preparation and plant morphology regulating agents containing the same. Accepted on 3rd May 1967.

Comprising reacting a fluorene-9-carboxylic acid of the ester, metallic salt or halide thereof with hydrazine or salt thereof, or with aniline or a primary, secondary or tertiary amine or with an alkenyl or alkynyl compound mono or polysubstituted by OH and/or a halogen.

102454. United States Rubber Company. Apparatus and method for forming and curing individual endless rubber belts. Accepted on 10th May 1967.

Apparatus for forming and curing endless belts comprises a building drum, mold ribs, means for forming rubber into rib grooves, means for rotating drum, means for curing belts and tension pulley.

102472. Rohm & Haas Company. Water treatment process. Accepted on 11th May 1967.

Comprising treating water containing anionic water soluble material with a water soluble polymer and optionally with negatively charged solid inorganic material.

102518. Roussel-Uclaf. Processes for the production of preparation for the treatment of hair and the preparations when thus produced. (3rd December 1964). Accepted on 15th May 1967.

The fruit juices of a plant of the genus cucumis melo linne (cucurbitaceae) are subjected to distillation to yield a clear liquid extract.

102549. Harpener Bergbau-Aktiengesellschaft. Process for the removal of ammonia, hydrogen sulfide and hydrocyanic acid from gases containing the same. Accepted on 16th May 1967.

Comprising washing the gas with an aqueous solution of pickling solution salt, followed by conducting the gas over a gas purification mass.

102555. Albright & Wilson (Mfg) Limited. Preparation of organotin halides. (2nd December 1964). Accepted on 17th May 1967.

By reacting an aliphatic halide with metallic tin, or an alloy thereof, in the presence as catalyst of a salt having an inorganic cation and a halostannate anion or a halostannate anion.

102582. J. R. Geigy A. G. Production of optical brighteners of stilbene series detergents containing same and optically brightening of cellulose material with same. Accepted on 19th May 1967.

2-mols of 2, 4, 6-trihalogen-1, 3, 5-triazine is reacted with 1 mol of 4, 4'-diaminostilbene-2, 2'-disulphonic acid.

102583. J. R. Geigy A. G. Production of optical brightening agents of the stilbene series and their use for the brightening of cellulose and polyamide materials. Accepted on 19th May 1967.

- 2 mols of 2, 4, 6-trihalogen-1, 3, 5-triazine is reacted with 1 mol of 4, 4'-diaminostilbene-2, 2'-disulphonic acid.
102611. Borg Holding A. G. and Siemens-Schuckertwerke Aktiengesellschaft. Process for the pickling and cleaning of articles and installations consisting of iron and/or steel, more particularly pipe systems and boiler installations. Accepted on 22nd May 1967.
Characterised in that the pickling solution consists of organic acid containing hydroxyl groups.
102612. General Electric Company. Improvements in or relating to signalling systems. Accepted on 22nd May 1967.
Comprising separator station means for selecting and transmitting distinctive function command signals and remote station means, said function command signals and remote station means, said function command signals are each composed of a safety tone signal and a given number of successive control tone signals.
102620. The United Steel Companies Limited. Methods of and apparatus for use in the continuous casting of steel. (24th November 1964). Accepted on 22nd May 1967.
Comprising pouring the steel from a tundish into a reciprocating mould through a closed chamber, purging the closed chamber with a reducing as inert gas before the start of the cast, permitting metal to flow through the chamber to the mould while the same or another reducing or inert gas or mixture flows through the chamber and maintaining the pressure in the chamber substantially constant.
102622. International Standard Electric Corporation. An arrangement for avoiding mutual disturbing influences along several electro-magnetic treadles in railway signalling installations. Accepted on 22nd May 1967.
Comprising transmitting and receiving devices arranged on mutually opposite sides of the two rails so that currents induced by the magnetic fluxes in the transmitting devices in the short-circuited turn are cancelled out.
102631. Amphenol Corporation. Ceramic molding composition and process. Accepted on 22nd May 1967.
Comprising mixing a ceramic material with a second ceramic material and with a silicone resin and a plasticizer, forming the mixed material into a shaped article and heating for a time and temperature to thermoset the silicone resin and then firing the shaped product to a temperature sufficient to vitrify the second ceramic material without vitrifying the first ceramic material.
102632. Veb Farbenfabrik Wolfen. Process for the production of zeolites. Accepted on 22nd May 1967.
Wherein a water containing sodium-potassium aluminosilicate mixture is heated at 50-100°C and crystals obtained are isolated.
102633. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Process for preparing alkyl esters of 0, 0-dialkyl dithiophosphoryl alpha-phenylacetic esters. Accepted on 22nd May 1967.
Reacting alkaline salt of 0, 0-dialkyl dithiophosphoric acid with alpha-halo-phenylacetic acid, and esterifying the reaction product.
102638. Hooker Chemical Corporation. Fire retardant compositions. Accepted on 23rd May 1967.
Comprises (1) a normally combustible polymer (2) a constant fire retardant agent and (3) an organometal stabilizer for the fire retardant.
102642. Elektrostalsky zavod tvazhelogo mashinostroeniya. Billet switch for multi-strand rolling mill. Accepted on 23rd May 1967.
Comprises at least one movable guide trough the side walls of it, diminishing towards its narrow portion in its direction of rolling and a multi-strand guide behind it, whose bottom rises to a level adequate for further travelling of the billets,
102658. Imperial Chemical Industries Limited. Process for the production of potentially crimped synthetic filaments. Accepted on 24th May 1967.
Comprises continuously passing a filament bundle across a heater having a narrow surface to heat filaments on one side with a temperature gradient imparted across the cross-section.
102665. Deutsche Advance Produktion GMBH. Stabilization of halogenated vinyl resins. Accepted on 24th May 1967.
Reacting beta-keto carboxylic acid ester containing thioether group with ammonia under a pressure of about 0.5 to 3 atmospheres above atmospheric pressure at a temperature of about 60 to 70°C in presence of water or water miscible solvent or also as a melt reaction in the absence of solvents.
102668. Pactice Corporation. Distillation apparatus and method of distillation. Accepted on 24th May 1967.
Distillation apparatus comprising means providing a first liquid at predetermined pressure (hydrostatic), means transferring heat to first liquid to vaporize, means forming second liquid, providing space between liquids containing gas.
102669. Ferodo Limited. Friction material and method of making the same. (30th November 1964). Accepted on 24th May 1967.
Where the friction material comprises asbestos as other inorganic fibres and a binder in which the binder is wholly or substantially wholly composed of copper sulphide and is formed in situ by reaction of sulphur with copper powder of cuprous sulphide.
102670. Wirth, Gallo & Co. A vibrating string for measurement purposes. Accepted on 24th May 1967.
In which the cross-section of at least part of the string is non-circular and is such that the distance across the strip in one direction is substantially from the distance across the strip in another direction at right angles to the first direction.
102674. Gulf Research & Development Company. Process for preparing diarylketones. Accepted on 24th May 1967.
Comprises the preparation of 1, 1-diarylketone by the oxidation of 1, 1-diaryllalkane with the aqueous solution of nitric acid, whereby the solid so produced is subjected to further oxidation with nitric acid and the said diaryl ketone is separated from the aqueous phase.
102680. Protocol Engineering Limited. Improvements in or relating to graphic reproduction processes. Accepted on 25th May 1967.
Comprises initially registering the components of each set with respect to atleast carrier sheet, by forming at least two spaced registration holes through at least one set of components and at least one carrier sheet in the same relative positions, and positioning the atleast one set and the atleast one carrier sheet in register one with the other by locating register holes over register pins.
102683. American Flange & Manufacturing Co., Inc. Method and apparatus for securing closure caps to containers. Accepted on 25th May 1967.
Method of securing a closure cap characterised by the application of pressure through a plurality of separate path portions with each path portion having a part overlapping a part of the adjacent path portion horizontally.
102686. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to envelopes of gas discharge tubes. Accepted on 25th May 1967.
On the inner side of the envelope has a layer of porous material, the pores opening out at the surface and preferably communicating with each other.
102689. Ministerul Industriei Chimice. Apparatus for obtaining elements of high purity in the shape of rods. Accepted on 26th May 1967.
Characterized by having an automatic device for stretching the said filaments and also a single cooling chamber.

102696. Esso Research and Engineering Company. Improvements in water conservation. (11th December 1964). Accepted on 26th May 1967.
Method of providing a seepage barrier in a water course comprising planing upon water surface a water impervious flexible material, and causing it to sink.
102698. Shell Internationale Research Maatschappij N. V. Process for removing water from finely divided solids. Accepted on 26th May 1967.
Characterized in contacting said solids with an organic water solvent and nonthermally separating a substantial portion of the resulting water containing solvent from the solids.
102706. Dow Corning Corporation. Greases. Accepted on 27th May 1967.
A grease consisting essentially of (a) 100 parts by weight of an organo polysiloxane liquid (b) from 5 to 25 parts by weight of a powdered silica filler (c) from 2 to 35 weight per cent calculated on the weight of (b) of a cyclic siloxane (d) from 5 to 100 weight per cent calculated on the weight of (b) of a hydroxylated organo polysiloxane.
102720. Combustion Engineering, Inc. Liquid-Gas contacting apparatus and method. Accepted on 29th May 1967.
Comprising distributing liquid in a uniform thin layer in a passageway and causing the liquid to flow in uninterrupted stream and passing gas over passageways in countercurrent direction, continuously removing liquid from passageways.
102727. Dunlop Rubber Company Limited. Improvements in games bats and sticks. (9th December 1964). Accepted on 29th May 1965.
Having a coating of natural or synthetic rubber base adhesive composition adherent to a covering of a different material.
102737. Enthone, Incorporated. Cast iron product and process of preparing same. Accepted on 27th May 1967.
A cast iron product comprising a pre-plate phosphate-containing film and a metal plate.
102739. P. Bret. Fluid-dispensing systems. Accepted on 27th May 1967.
Comprising at least an auxiliary chamber of variable volume and having a fixed maximum volume, said auxiliary chamber being bounded by at least one movable wall which is urged by resilient means, means for connecting said auxiliary chamber to a source of said liquid under pressure, means for connecting said auxiliary chamber to an outlet.
102758. Caterpillar Tractor Co., Improvements in bonding. [Addition to No. 84737]. Accepted on 30th May 1967.
Engaging the surfaces in rotational rubbing contact under pressure and at a speed above a critical speed at which the bond can form to heat the interface to a bondable temperature, and decreasing the speed below the critical speed.
102761. J. H. W. Ratzer, and Reads Limited. Improvements in containers. (15th October 1965). Accepted on 27th May 1967.
Forming the end with a stepped countersink of maximum diameter to fit within the body and with a flange inclined at an acute angle to the wall of the countersink and terminating in an intumed peripheral tongue substantially perpendicular to the flange.
102768. Frederick Braby & Company Limited. Structural element for retaining purposes such as a retaining wall or beam. Accepted on 30th May 1967.
A sheet formed with corrugations on which has been superposed a secondary wave formation of different amplitude, two wave formation having a common crest.
102790. Ahmedabad Textile Industry's Research Association. A twisting head for ring spinning frames and method of imparting substantially full twist to drafted roving. Accepted on 1st June 1967.
Comprising a tubular or substantially tubular element with two arms extending from two diametrically opposed points in the lower end portion of said element each said arm having a yarn guide.
102829. Imperial Chemical Industries Limited. Reductive dimerisation of α , β olefinic amides. (4th October 1965). Accepted on 3rd June 1967.
Comprises admixing alkali metal amalgam with amide at PH 6 to 11.
102830. Imperial Chemical Industries Limited. A process for the reduction of organic compounds. (7th December 1964). Accepted on 30th May 1967.
Comprises reacting organic compound with alkali metal amalgam, separating products from aqueous medium electrolysing the latter removing same for reduction.
102894. The Goodyear Tire & Rubber Company. A method of adhering a reinforcing element to rubber. Accepted on 31st May 1967.
By applying a vulcanisable rubber coating to a reinforcing element and heating the assembly to vulcanize rubber.
102902. Monsanto Company. Process for preparing dichloroanilides. Accepted on 31st May 1967.
Reacting dichloroaniline with excess carboxylic acid at temperature that distils azeotrope of said acid, cooling adding acid anhydride to convert all dichloroaniline.
102906. R. T. C. Engineering Works (P) Ltd. Centrifugal pump. Accepted on 27th May 1967.
The volute path being set at an angle offset from the shaft of the impeller which is being provided with vanes formed in curvi-rectilinear-fashion.
102914. Borg-Warner Corporation. Improved resilient shaft mounting. Accepted on 22nd May 1967.
Comprising an annular body, annular groove a plurality of columns annular fixed bracket extending neck wings.
102918. D. P. Ahuja. Closure arrangement for a container. Accepted on 30th May 1967.
Having an orifice surrounded by an orifice defining portion on the one part and a closure member for orifice on the other part or both being formed with a circumferential groove in the outer surface of one part or other part.
102969. Shell Internationale Research Maatschappij N. V. Thermoplastic elastomeric composition. Accepted on 27th May 1967.
Comprises a block copolymer and a polyvinyl substituted aromatic hydrocarbon.
102974. Phillips Petroleum Company. Sponge rubber compositions from conjugated diene copolymers. Accepted on 30th May 1967.
Comprising blending a solution polymerized random or block copolymer of a conjugated diene with vinyl substituted aromatic monomer and a blowing agent.
102893. The Goodyear Tire & Rubber Company. Improvements in polyester cord-to-rubber adhesion. Accepted on 30th May 1967.
By adding to the rubber a methylene donor and a methylene acceptor.
103011. Farbentfabriken Bayer Aktiengesellschaft. Moulding compositions of pre-polymerised monomer-free unsaturated polyesters and process for the production of moulded articles therefrom. (6th August 1965). Accepted on 27th May 1967.
Comprises pre-polymerised monomer-free unsaturated polyesters and a polymerisation catalyst.

103059. Produits Chimiques Pechiney-Saint-Gobain. A process for the bulk preparation of vinyl chloride polymers and copolymers in two stages. Accepted on 27th May 1967.

Characterizes in that, the first stage is carried out in the presence of a rapid decomposition catalyst which the second stage is carried out in the presence of a slow decomposition catalyst.

103088. S. K. Chimanlal Hansoti, B. J. Bhatt, D. R. Patel B. C. Patel and R. S. Trivedi. Manufacture of nicotine sulphate from tobacco. Accepted on 2nd June 1967.

Characterized in that proportion of calcium carbonate and sodium carbonate are 9.5 and 12.5 percent by weight respectively for every hundred part by weight of tobacco or tobacco dust, gradually adding water and staining the aqueous mixture for about 8 hours then percolating kerosene through the mixture, removing it and reacting the nicotine solution formed by sulfuric acid.

103092. Calor-Emag Elektrizitats-Aktiengesellschaft. High tension switch gear installation. Accepted on 30th May 1967.

Comprising fixed part, incoming and out going conductor, first contact member, connected to incoming and out going contractors second contact member projecting from the casing for insertion through opening.

103098. Rohm & Haas Company. Herbicidal compositions. Accepted on 30th May 1967.

Comprising herbicide like arsenic-containing, chlorinated aliphatic acid or inorganic chlorate, hydrotrope like alkyl phenoxy polyethoxy ethanol and surfactant in volume ratio of 10 : 1 to 1 : 10.

103170. Rhone-Poulenc S.A. Process for the preparation of new phosphoric esters and pesticidal compositions containing them. Accepted on 30th May 1967.

Comprises the preparation of phosphoric ester of the formula $(RO)_2 \overset{P}{S} - S - CH_2 - COOC(CH_3)_3$ where R represents a methyl or ethyl group and the pesticidal composition containing the said ester with diluent compatible with phosphoric ester.

103269. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Basic azo dyestuffs process for preparing them and textile fibrous material dyed or printed by a process using said dyestuffs. Accepted on 31st May 1967.

A diazonium compound is coupled with a coupling component or an azo dyestuff is quarternised with a quarternising agent.

103274. Beteiligungs-und Patentverwaltungsgesellschaft mit beschränkter Haftung. Improved method of refining pig iron by oxygen top blowing process. [Addition to No. 98471]. Accepted on 26th May 1967.

Wherein conductivity is determined by known methods between metal bath and a probe insulated electrically.

103358. American Flange & Manufacturing Co. Inc. Plastic container closure combinations and method for forming the combination. Accepted on 29th May 1967.

The combination of the container wall assembled with a plastic closure flange having internally threaded cylindrical neck and a metal ring surrounding the neck.

103600. Koppers Company, Inc. Improvements in or relating to the manufacture of coke. Accepted on 26th May 1967.

Comprising oxidising free swelling coal, heat treating the oxidised coal, briquetting and then oxidising, carbonising and cooling the briquettes.

103602. Siemens & Halske Aktiengesellschaft. Improvements in or relating to apparatus for monitoring gas-pressurised cables. Accepted on 27th May 1967.

An apparatus for monitoring gas pressurised cable, including a valve assembly and controlled by an adjusting element responsive to gas pressure and a contact assembly arranged to provide an electrical signal at a monitoring centre.

103611. Holding Intercito S.A., Apparatus for jarring rods. Accepted on 30th May 1967.

Jarring rods to compact stack comprising guide channel wherein rods are situated, with a floor corresponding to the floor of stack desired, an opening at floor a displaceable jarring plunger pierceably extending through said opening and a resiliently mounted packer ram.

103619. Stauffer Chemical Company. Pesticidal compositions for controlling mites. Accepted on 23rd May 1967.

Comprising an alkyl (2, 4-dinitrophenyl) carbonate in admixture with a carrier or diluent.

103687. Chevron Research Company. Non-sludging organic phosphate insecticide—fuel oil compositions. Accepted on 1st June 1967.

Comprising a fuel oil from about 0.5 to 5 volume percent organic phosphate insecticide and from 0.25 to 2.5 volume percent of a salt of the reaction product obtained by reacting at a temperature between 300-415°F an aliphatic monocarboxylic acid.

103689. Elektro-Thermit G.m.b.H. Method and apparatus for removing excess welding material from rail welds. Accepted on 30th May 1967.

A method for removing welding materials true to profile in which the removal is effected by a chisel hammer which is guided on the rail.

103731. T. J. Brennan and W. A. Baumstark. Toilet tank fill valve. Accepted on 26th May 1967.

Comprising water inlet and outlet means in a base plate with a cover thereon defining there with a chamber surrounding said means and including a diaphragm and diaphragm and bleed passage in said base plate.

103742. Esso Research and Engineering Company. Process for the production of sponge iron. Accepted on 29th May 1967.

Characterized in that additive compounds selected from oxides, carbonates and mixtures thereof of the group II, III-A, IV-B and VI-B metals of the periodic chart of the elements are dispersed in liquid and are admixed to the ore in sufficient quantity to provide an additive concentration.

103776. Etablissements Merlin & Gerin. Societe Anonyme. Pressure-gas circuit-breaker with two breaks in series. Accepted on 30th May 1967.

Comprising two pairs of contacts connected in series, one of which is intended to effect a break under load in an extinction chamber formed by a cartridge filled with gas under pressure a fixed rod issuing from one end of the cartridge and constituting a current input terminal into the cartridge, a mobile rod issuing from the opposite end of the cartridge and constituting the current output terminal from the cartridge.

103852. Textron Inc. Line suspension. Accepted on 1st June 1967.

Comprising the combination of a hanger and a pair of line gripping elements each of the element being comprised of resilient rods formed into an open helix, the elements extending in opposite directions from the hange and engaging the line by wrapping around it.

103884. Sunbeam Corporation. Hair dryer. Accepted on 30th May 1967.

Comprising a portable casing an electric motor, fan and heater assembly in said casing, including switch means, an air inlet and air outlet and a flexible hose.

103387. Solar Thomson Engineering Company Limited. Improvements in or relating to conveyor belts. (12th January 1965). Accepted on 25th May 1967.
- Characterised in that the projections forming guide ways for cables associated with each face of the belt are laterally off-set relative to those associated with the opposite face of the belt.*
103911. Aryan Plastics. Improvements in and relating to device for moulding thermoplastic materials. Accepted on 31st May 1967.
- Consisting of an electric drier for preheating the material to be moulded, a first hydraulic press having its upper and lower platens fitted with electric heating arrangement, a second hydraulic press having its upper and lower platens fitted with water-cooling arrangement.*
104032. Stamicarbon N. V. Process for the preparation of oil-extended rubbery polymers. Accepted on 29th May 1967.
- Comprises incorporating 05% water in the polymer used and blending oil into the water-containing polymer.*
104042. Toyo Rayon Kabushiki Kaisha. Process for continuously preparing drawn polyamide filaments. Accepted on 29th May 1967.
- Characterised by predrawing the undrawn filaments at a draw ratio from 1.25 to 2.90 while the birefringence of the melt spun re-drawn filaments is not more than 0.001.*
104115. Imperial Chemical Industries Limited. Production of phthalocyanine dyestuffs and colouring textile materials therewith. (18th March 1965). Accepted on 1st June 1967.
- Comprises treating a phthalocyanine compound with a salt of sulphurous acid.*
104148. The Metal Box Company Limited. Improvements in or relating to bottles made of synthetic thermoplastic material. (10th March 1965). Accepted on 30th May 1967.
- A bottle made of resilient synthetic thermoplastic material, having a body of uniform thickness opposite end portions of which have a cross section greater than that of the intermediate portion extending therebetween.*
104339. Worthington Corporation. Oil lubrication system for refrigeration apparatus. Accepted on 2nd June 1967.
- Comprising an oil reservoir an oil pump compressor and motive means pressure equilization line means oil pressure equilization means and a flow inducing means.*
104467. Amsted Industries Incorporated. Composite pouring tube. Accepted on 26th May 1967.
- Comprising a wall of an inner layer and an outer layer of refractory material and a steel shell embedded in the wall.*
104557. Caterpillar Tractor Co. Improvements in bonding machines. Accepted on 2nd June 1967.
- Comprising a rotary spindle for rotating one part, attaching means for attaching a selected number of inertial weights to the rotary spindle and storage means encircling the rotary spindle.*
104604. Ciba Limited. Process for the manufacture of inorganic chlorides. Accepted on 29th May 1967.
- Introducing mixture of alloy and sodium chloride into liquid sodium chloride and ferric chloride removing vapour form chloride and condensing.*
104605. Vickers Seerdrum Limited. Improved feeding device and its use in an apparatus for pulverisation of refuse. (30th March 1965). Accepted on 26th May 1967.
- A device for feeding material into a rotatable drum comprises within the drum, a shroud and a conveyor means.*
104891. J. Stone & Company (Deptford) Limited. Improvements relating to washing and like treatments of textile fabrics and materials. (22nd April 1965). Accepted on 29th May 1967.
- The material is acted by a surface-active washing agent at one stage and separately acted by a washing liquor applied energetically.*
104922. Glaverbel. A process and machine for drawing a sheet glass. Accepted on 29th May 1967.
- A sheet glass drawing machine comprises a drawing chamber, main and auxiliary coolers, and deflecting surfaces.*
104963. Raytheon Company. Travelling-wave tubes. (20th December 1965). Accepted on 30th May 1967.
- Comprising a slow wave structure, means for electron beam, means for magnetic field positive ion draining electrode.*
104972. General Electric Company. Compound control system for a turbine. Accepted on 1st June 1967.
- A primary valve connected to control flow of motive fluid from pressure source to the turbine, an additional valve connected to control motive fluid from said source so as to adjust any unbalance between motive fluid flow generated by the pressure source and that required by the turbine.*
105052. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of olefine oxides. (3rd March 1966). Accepted on 27th May 1967.
- Electrochemical process in which the diaphragm which separates the anode chamber from the cathode chamber is made of a fabric of acrylonitrile fibres.*
105075. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Catalytic cracking of hydrocarbons containing two to thirty carbon atoms. Accepted on 2nd June 1967.
- By catalytic cracking of vaporizable hydrocarbon mixtures using steam at temperatures ranging from 350 to 950°C and at atmospheric or super atmospheric pressure.*
105182. Brig. P. Singh. Implement for digging earth. Accepted on 19th May 1967.
- Shovel blade and a pickaxe member together forming a single unit, the two implements being oppositely disposed to each other.*
105185. M. H. Detrick Company, Ltd. Improvements in furnace walls. (11th May 1965). Accepted on 26th May 1967.
- Comprising a casing member and an inner wall wherein an insulating layer is provided on the outer face of inner wall.*
105195. Caterpillar Tractor Co. A system for controlling vibrations between articulately connected vehicle components. Accepted on 31st May 1967.
- Comprising at least two links each independently pivotally connected at one end to one component and at the other end to the other component to permit relative limited vertical motion in response to such vibrations.*
105329. R. M. Deshmukh and Industrial & Engineering Combine. Spring-action vice with a slot-actuating clamping device. Accepted on 1st June 1967.
- Tension shaft with an E-type circlip mounted on it at its one end and with a slot in it, an internally threaded locking head, a helical-positioning spring, a helical-positioning spring and a helical-clamping spring, a nut washer and a screwed, a positioning-spring bush, a spacer bush, a welded bush and a stop constituted by a sleeve having a flange for helical clamping spring.*
105370. Industriewerk Schaeffler O. H. G. Window-type cage for cylindrical rolling elements. Accepted on 29th May 1967.
- End faces of the bars are set back relatively to the end faces which bound the cage in the axial sense.*

105638. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to filtering apparatus. (11th June 1965). Accepted on 30th May 1967.

Comprises liquid pervious means for supporting a portion of a filter medium strip, movable means to replace said portion with a fresh portion and means to operate said movable means when liquid weight exceeds a predetermined value.

105642. Dolomitwerke G.M.B.H. Process for production of refractory shapes particularly for steel melting furnaces. Accepted on 30th May 1967.

Characterized in that the shapes are heated to temperatures between 200°C and 450°C before being laid in steel melting furnace and heating time is a function of lamp and lies within the A & C.

105674. Westinghouse Brake and Signal Company Limited. Conveyors. (12th July 1965). Accepted on 30th May 1967.

Restraining speed of a body passing along conveyor comprising an element rotatable at a rate dependent on speed of body and causing braking effect on it, and an inertial mass accelerated upon its rotation and viewing means.

105741. Calumet & Hecla, Inc. A method of making a dry fungicidal bordeaux composition. Accepted on 31st May 1967.

Comprises forming a dispersion in water containing a water soluble dispersing—stabilising agent, followed by spray drying.

105820. Leeds & Northrup Company. Power amplifier systems. Accepted on 26th May 1967.

Comprising a pulse generator, an AND gate and a power amplifier.

105828. Siemens-Schuckertwerke Aktiengesellschaft. Semiconductor component. Accepted on 27th May 1967.

Including a pressure-contact junction which incorporates a sintered porous disc of good electrical and thermal conductivity as an intermediate or junction body.

105911. F. H. Lloyd & Co., Limited. Railway buffing and/or drawgear. (23rd July 1965). Accepted on 29th May 1967.

Including a spring container consisting of a first and second groups of mutually parallel arms having inner and outer abutment means arranged such that inner abutment means of each group is between said means of the other group.

105922. St. Anne's Board Mill Company Limited. Apparatus for dewatering watery pulp. Accepted on 26th May 1967.

Comprising first and second bands adapted to move together over a portion of their travel around a static pressing element having an operative face which is convexly curved but non-circular, successive portions thereof being of progressively greater radius.

106000. Veb Stickstoffwerk Piesteritz. Process for the treatment of phosphorous slime especially for the treatment of aged or mechanically soiled slime. Accepted on 31st May 1967.

Characterised in phosphorus slime is stirred in inert gas atmosphere with soda lye in Na:P=1.5:1 at 80°C.

106004. Vickers Limited. Improvements in apparatus for malting grain. (2nd July 1965). Accepted on 29th May 1967.

A perforated false floor defining the bottom of the charge space, means for supplying and draining steeping liquor to and from said charge space means connecting air conditioning plant grain stirring means mounted in the vessel.

106027. Dana Corporation. Universal Joint. Accepted on 31st May 1967.

Having a yoke member with a pair of opposed lugs with crossholes, each of the lugs surrounding the opening therein and radially outwardly of the snap ring groove are deformed radially inwardly.

106107. Associated Lead Manufacturers Limited. Method of joining a piece of dispersion strengthened lead to a piece of the same material or of another metal. Accepted on 30th May 1967.

Comprising making a burnt joint by introducing between them a molten lead antimony alloy.

106138. Frick Company. Heat exchanger. Accepted on 1st June 1967.

A plurality of tube means for conducting a first fluid, said tube means being in communication with the fluid chamber and the manifold, fluid delivery conduit means including passageway means in the tube sheet removably secured to one end of the shell.

106185. Shyamapada Mookerjee. Ticket perforating machine. [Addition to No. 10459]. Accepted on 31st May 1967.

Composing box for housing dies and being fitted inside a holding device provided with the machine and a punch carrier combined with a device for attaching itself to the guiding rod of the machine.

106278. Dr. C. Otto & Comp. G.m.b.H. Method and device for hardening pellets. Accepted on 29th May 1967.

Pellets are dried and prehardened in a first stage on a conveyor or moving through a continuous furnace, heated almost up to the finish hardening temperature by hot gases.

106396. The Metal Box Company Limited. Improvements in can ends. (2nd March 1966). Accepted on 26th May 1967.

A can end of tinplate comprises a panel and a metal closure member, provided with score lines.

106585. Libbey-Owens-Ford Glass Company. Apparatus for heating target material in a high vacuum electron furnace. Accepted on 2nd June 1967.

Comprising electromagnetic means and means is coupled to the electromagnetic means for varying the orientation of the magnetic field characterized in that a circuit is connected to the orientation varying means for varying the orientation of the magnetic field.

106611. James A. Jobling & Company Limited. Improvements in or relating to equipment for heat-treating the ends of elongated glass articles. (12th August 1965). Accepted on 31st May 1967.

Comprising a pair of elongated ovens open along one side, support means associated with each oven for supporting on elongated article and advancing means for moving an article.

107114. Brown, Boveri & Company Limited. Resilient post insulator. Accepted on 29th May 1967.

Characterised in that asymmetrically arranged spring bodies being disposed between two flanges arranged between the lower end of the insulator and the base for absorbing shearing forces.

107169. Veb Warnowwerft Warnemünde. Supplementary loading device, in particular for long cargo hatchways on ships. Accepted on 27th May 1967.

There are mounted fast on a portable beam or a hatchway cover which is connected firmly but releasably to the hatchway side-coaming, kingposts or frame works having derricks and winches or cranes.

107227. Castings & Forgings Pty. Limited. Inspection hole closure assembly. (8th March 1966). Accepted on 1st June 1967.

Manhole cover comprising a base secured into a surface, an internally open support member engaging base means adjusting height of support and a manhole cover.

107579. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to sodium vapour discharge lamps. Accepted on 30th May 1967.

Characterized in that the layer consists substantially of doped indium oxide (In_2O_3).

108289. Maschinenfabrik und Giesserei Netstal A. G. Method and equipment for the injection moulding of shaped articles from synthetic materials. Accepted on 1st June 1967.

Method for injection moulding wherein the raw material to be injected is continuously plasticised and alternatively conveyed to a measuring or controlling chamber and to a feeding chamber.

108309. Aktiebolaget Svenska Flaktfabriken. A channel for spray-painting intermittently or continuously advanced objects. Accepted on 1st June 1967.

Comprising an intermediate bottom is provided between the channel and chamber, which bottom comprises a number of stepped elements located one after the other.

109479. B. J. Longyear Company. Core drilling apparatus. [Divisional date 25th August 1965]. Accepted on 25th May 1967.

A core barrel inner tube assembly comprising means for collecting sample and detent means being positioned to move to a retracted position.

109578. Rohm and Haas Company. Pesticidal compositions. [Addition to No. 100983]. [Divisional date 30th August 1965]. Accepted on 30th May 1967.

Contains phosphorimidic triamide salts such as N, N', N'', N'''-tetraalkyls (1, 1, 3, 3-tetra-methyl butylamino) phosphonium fluoborate.

109857. James Howden and Company Limited. Improvements in or relating to rotary regenerative pre-heaters in combination with fire detection apparatus. (8th June 1965). [Addition to No. 101566]. [Divisional date 14th September 1965]. Accepted on 27th May 1967.

With the first and second temperature sensitive elements being first and second thermocouples of which negative terminals are common, the first thermocouple being fast response one and second thermocouple being slow response one.

110593. Pactide Corporation. A plural membrane assembly for use in distillation apparatus. [Divisional date 24th November 1965]. Accepted on 24th May 1967.

Plural membrane assembly wherein vapour is transferred from an evaporating liquid film to a condensing liquid film, comprising a porous membrane permeable to said liquid and a barrier membrane.

110631. The British Iron and Steel Research Association. Improvements in or relating to preheating and refining apparatus. (7th May 1967). [Addition to No. 101169]. [Divisional date 17th August 1965]. Accepted on 17th May 1967.

Characterized in which the pre-heating vessel has an annular space between it and the vessel wall with means for conducting the hot effluent gases from the furnace down through the annular space and thence through the charge.

Patents Sealed

64716. 90265. 95606. 96907. 97209. 97215. 97265. 97509. 97534. 97679. 97705. 97715. 97757. 97799. 97842. 97848. 97865. 97869. 97884. 97885. 97890. 97898. 97899. 97934. 97936. 97964. 97970. 97972. 97987. 97988. 98027. 98037. 98075. 98165. 98166. 98169. 98198. 98249. 98279. 98432. 98467. 98498. 98510. 98542. 98563. 98580. 98587. 98589. 98667. 98710. 98711. 98728. 98729. 98730. 98769. 99035. 99169. 99263. 99308. 99310. 99322. 99332. 99337. 99338. 99339. 99340. 99347. 99352. 99355. 99365. 99380. 99396. 99397. 99403. 99419. 99429. 99437. 99439. 99442. 99446.

99450. 99453. 99484. 99503. 99522. 99526. 99530. 99531. 99535. 99539. 99577. 99599. 99611. 99625. 99649. 99671. 99692. 99705. 99764. 99821. 99848. 99889. 99904. 100027. 100110. 100117. 100149. 100156. 100566. 100577. 100833. 100921. 102447.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Smith & Nephew Plastics Limited, a British Company, of Neptune Street, Hull, Yorkshire, England, seek leave to amend the description and claims in the specification in respect of application for patent No. 101104. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendment proposed by Dow Corning Corporation in respect of patent application No. 98131 as advertised in the Gazette of India, Part III, Section 2 dated the 25th February 1967 has been allowed.

Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

70991—Mr. G. A. Suryabhattanavar and others.

Renewal Fees Paid

47521. 49188. 49195. 49567. 49725. 49799. 49817. 49824. 49911. 50002. 50013. 50112. 50113. 50464. 51651. 51687. 51976. 52049. 52050. 52051. 52132. 52173. 52185. 52240. 52315. 52759. 52760. 52913. 52987. 54655. 54694. 54695. 54889. 54901. 54913. 54914. 54926. 54952. 54964. 54967. 55053. 55119. 55723. 55724. 55742. 55837. 55891. 56493. 56576. 57538. 57558. 57561. 57598. 57645. 57714. 57723. 57731. 57732. 57942. 57983. 58025. 58034. 58139. 58235. 58276. 58376. 58377. 58829. 59401. 59443. 59756. 60155. 60332. 60522. 60594. 60722. 60736. 60737. 60760. 60788. 60796. 60924. 61003. 61027. 61041. 61051. 61060. 61061. 61100. 61101. 61114. 61115. 61130. 61199. 61272. 61277. 61285. 61286. 61319. 61375. 61388. 61736. 63707. 64270. 64292. 64396. 64500. 64532. 64641. 64668. 64684. 64713. 64716. 64783. 64785. 64796. 64805. 64965. 64977. 65114. 65213. 65214. 65350. 65530. 66672. 66673. 66785. 66964. 67267. 67449. 67901. 67906. 67942. 67954. 67966. 67984. 68033. 68073. 68074. 68126. 68127. 68144. 68201. 68207. 68208. 68226. 68265. 68267. 68272. 68361. 68368. 68372. 68409. 68436. 68441. 68442. 68443. 68444. 68454. 68456. 68475. 68488. 68512. 68649. 68707. 68716. 68719. 68921. 69060. 69123. 69392. 70089. 70090. 71473. 71880. 71937. 71952. 72004. 72028. 72037. 72088. 72090. 72182. 72193. 72279. 72331. 72366. 72367. 72368. 72396. 72455. 72469. 72479. 72480. 72481. 72520. 72525. 72534. 72535. 72536. 72537. 72538. 72560. 72563. 72576. 72625. 72647. 72648. 72696. 72729. 72756. 72793. 72794. 72798. 72863. 72908. 72923. 72959. 73033. 73152. 73187. 73264. 73282. 73374. 73398. 73453. 73458. 73467. 73385. 73729. 76617. 76916. 76994. 77095. 77137. 77149. 77231. 77233. 77241. 77242. 77243. 77245. 77264. 77372. 77382. 77385. 77468. 77499. 77561. 77590. 77591. 77636. 77721. 77785. 77791. 77801. 77810. 77829. 77879. 77880. 77914. 77926. 78057. 78184. 78236. 78237. 78242. 78245. 78313. 78352. 78379. 78516. 78669. 79514. 79515. 79516. 79517. 79518. 80948. 80949. 82080. 82551. 82555. 82561. 82577. 82614. 82616. 82622. 82647. 82656. 82709. 82729. 82732. 82753. 82792. 82796. 82835. 82856. 82885. 82898. 82921. 82940. 82950. 82977.

82983, 82992, 82993, 82999, 83045, 83051, 83080, 83138, 83145, 83195, 83229, 83277, 83291, 83293, 83295, 83304, 83350, 83372, 83366, 83387, 83395, 83402, 83451, 83501, 83502, 83503, 83519, 83541, 83579, 83604, 83733, 83735, 83839, 83899, 84060, 84125, 84127, 84256, 86680, 86804, 87117, 87688, 87829, 88119, 88162, 88192, 88207, 88220, 88236, 88237, 88273, 88292, 88293, 88346, 88306, 88347, 88382, 88424, 88431, 88432, 88459, 88468, 88512, 88557, 88583, 88588, 88609, 88610, 88627, 88638, 88649, 88682, 88688, 88753, 88757, 88765, 88816, 88825, 88837, 88841, 88886, 88913, 88914, 88924, 88967, 88982, 88985, 89018, 89024, 89025, 89036, 89037, 89038, 89079, 89088, 89116, 89123, 89133, 89137, 89155, 89183, 89202, 89208, 89209, 89255, 89269, 89284, 89333, 89382, 89383, 89384, 89480, 89514, 89567, 89619, 89614, 89621, 89622, 89643, 89650, 89659, 89662, 89704, 78710, 89853, 89870, 89871, 90080, 90182, 90665, 91913, 91925, 92348, 92703, 94001, 94007, 94080, 94136, 94363, 94430, 94558, 94625, 94631, 94745, 94874, 94955, 95954, 95955, 95956, 95957, 95958, 97114, 97858.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 80826—William Gray Horton.

The patent ceased on the 19th February 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 3rd June 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 22nd July 1967.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following Patent :—

No. 81796—Jayantilal Parmananddas Sanghrajka.

The patent ceased on the 17th April 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 3rd June 1967. Any person may give notice of opposition to the restoration by leaving in application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 29th July 1967.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 83158—Dr. Saradindu Mohan Ghosal.

The patent ceased on the 9th July 1966, owing to non-payment of renewal fee within the prescribed time and cessa-

tion of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 3rd June 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 29th July 1967.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 130661 and 130662. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13. "Textile piecegoods", April 4, 1967.

Class 13. Nos. 130671 and 130672. The Bombay Dyeing & Mfg. Co. Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act, 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton textiles", April 6, 1967.

Class 13. Nos. 130700 to 130702. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", April 13, 1967.

Class 13. Nos. 130708 to 130710. The Bombay Dyeing & Mfg. Co., Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act, 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton textiles", April 18, 1967.

Class 13. No. 130727. Sovrin Knit Works, Fatehgarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", April 22, 1967.

Class 13. Nos. 130729 and 130730. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", April 22, 1967.

Class 14. No. 130697. The Victoria Mills Limited, an Indian Company Delisle Road, Parel, Bombay-13, "Textile piecegoods", April 12, 1967.

Class 14. No. 130734. The Crown Spg. & Ffg. Co., Ltd., Gokhale Road (South), Parel, Bombay 13, Maharashtra, Nationality—Indian Company, "Textile goods", April 22, 1967.

Copy Right Extended for a Second Period of Five Years

Design Nos. 113410 }
113411 }
113489 }

Class I

A. JOGARAO,
Controller General of Patents,
Designs and Trade Marks